

Converting Colors

XYZ(13.7631, 12.6484, 10.2339)

Have a look what the booklet for
XYZ(13.7631, 12.6484, 10.2339)
contains.

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Color

**XYZ(13.7790, 12.5953,
10.2992)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5C55
RGB	124, 92, 85
RGB Percent	49%, 36%, 33%
CMY	0.5137, 0.6392, 0.6667
CMYK	0.00, 0.26, 0.31, 0.51
HSL	11°, 19%, 41%
HSV	11°, 31%, 49%
XYZ	13.7790, 12.5953, 10.2992
YIQ	100.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

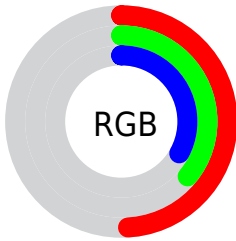
Format	Color
R_{YB}	124, 94, 85
Decimal	8150101
CIE _{Lab}	42.15, 12.03, 9.13
CIE _{LCh}	42, 15.099, 37.192
Yxy	12.5953, 0.3757, 0.3434
Android (android.graphics.Color)	4286340181 (0xFF7C5C55)
YUV	100.7700, -7.7746, 20.3727
Hunter-Lab	35.4899, 7.1957, 7.6369

Details

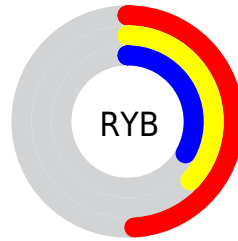
The XYZ color **13.7790, 12.5953, 10.2992** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.7453, 16.1084, 21.4535**, and the grayscale version is **12.3262, 12.9681, 14.1223**.

A 20% lighter version of the original color is **32.1776, 30.4424, 27.1017**, and **4.1840, 3.5630, 2.4747** is the 20% darker color. If you saturate the color by 10%, you get **12.5061, 10.7699, 7.6538**, and if you desaturate by 10%, it is **15.2573, 14.6932, 13.4394**.

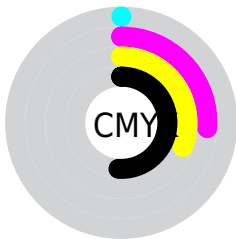
Distribution



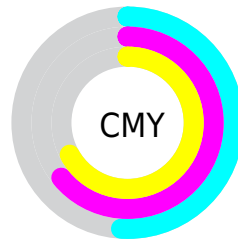
- Red (49%)
- Green (36%)
- Blue (33%)



- Red (49%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (26%)
- Yellow (31%)
- Black (51%)



- Cyan (51%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7790, 12.5953, 10.2992 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 13.7790, 12.5953, 10.2992 by changing the saturation by 10% instead.

■ 13.7790, 12.5953,
10.2992

■ 13.7790, 12.5953,
10.2992

209.3899,
208.3075, 203.3562

■ 8.0478, 7.1505,
5.4896

■ 32.2859, 30.5748,
26.9733

■ 4.1776, 3.5564,
2.4736

■ 45.7924, 43.8782,
39.6749

■ 1.8031, 1.4286,
0.8261

■ 62.6212, 60.5700,
55.8443

■ 0.5195, 0.2377,
0.0000

■ 83.1379, 81.0345,
75.8999

■ 0.0000, 0.0000,
0.0000

■ 107.7078,
105.6561, 100.2604

136.6961,

134.8192, 129.3442

170.4684,
168.9082, 163.5700

■ 13.7790, 12.5953,
10.2992

■ 13.7790, 12.5953,
10.2992

■ 12.5061, 10.7699,
7.6538

■ 15.2573, 14.6932,
13.4394

■ 11.4283, 9.2040,
5.4770

■ 16.9487, 17.0723,
17.0970

■ 10.5362, 7.8862,
3.7417

■ 18.8614, 19.7432,
21.2943

■ 9.8189, 6.8037,
2.4172

■ 21.0033, 22.7153,
26.0520

■ 9.2645, 5.9423,
1.4693

■ 23.3816, 25.9977,
31.3897

■ 8.8593, 5.2864,
0.8581

■ 26.0033, 29.5989,
37.3260

■ 8.6042, 4.8691,
0.4863

■ 28.8751, 33.5274,
43.8789

■ 32.0034, 37.7912,
51.0653

■ 35.3944, 42.3979,
58.9017

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.2488, 12.5953, 12.9529



13.7790, 12.5953, 10.2992



12.8299, 12.5953, 8.7586

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.7790, 12.5953, 10.2992



10.0858, 12.5953, 11.4497



12.2444, 12.5953, 20.8260

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



13.7790, 12.5953, 10.2992



13.7453, 16.1084, 21.4535

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.1522, 12.5953, 20.2556



13.7790, 12.5953, 10.2992



9.9507, 12.5953, 14.5046

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13.7790, 12.5953, 10.2992



10.7107, 12.5953, 9.3466



10.3293, 12.5953, 17.8111



13.3275, 12.5953, 19.2660

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13.7790, 12.5953, 10.2992



12.0777, 12.5953, 8.4096



10.3293, 12.5953, 17.8111



11.8658, 12.5953, 20.8806

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



13.7793, 12.5959, 10.2995



30.5446, 31.0499, 31.6556



14.8011, 12.0783, 18.5354



7.0997, 7.1811, 7.2501



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.7793, 12.5959, 10.2995



22.5457, 19.7274, 14.5756



15.6363, 16.3098, 10.9184



4.0512, 4.1208, 4.2064



8.7455, 4.9469, 0.4939



41.2592, 22.6818, 2.2034

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.7453, 16.1084, 21.4535



22.4705, 26.9608, 37.5762



11.7522, 12.1220, 20.7891



4.0488, 4.3959, 5.0783



8.5004, 11.0832, 21.0766



39.9834, 51.7394, 100.3491

Previews

White Background



This preview shows how the XYZ color 13.7790, 12.5953, 10.2992 looks on a white background.

Color Contrast Check

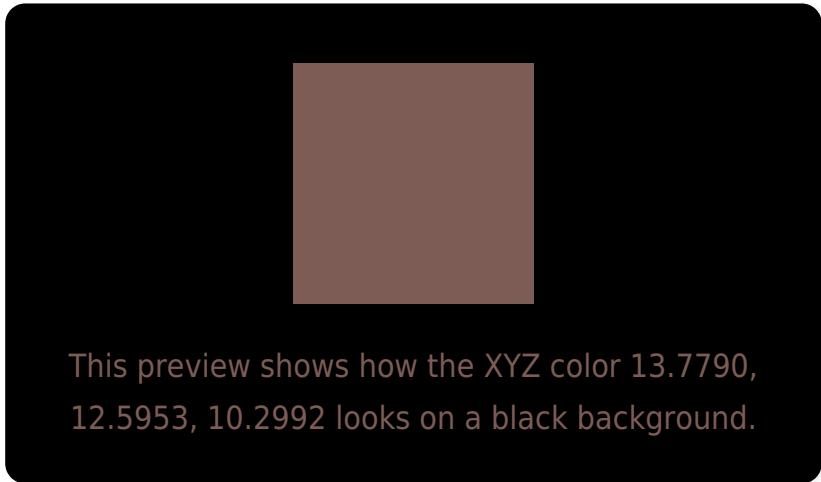
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.7790, 12.5953, 10.2992

Background



This preview shows how black text looks on a background with the XYZ color 13.7790, 12.5953, 10.2992.



This preview shows how white text looks on a background with the XYZ color 13.7790, 12.5953,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

13.7790, 12.5953, 10.2992

Protanopia

11.9739, 12.5880, 11.2498

Deuteranopia

12.8533, 12.6507, 10.1519



Tritanopia

14.2713, 12.5354, 12.9767

Trichromacy



Original Color

13.7790, 12.5953, 10.2992

Protanomaly

12.4999, 12.4498, 10.9768

Deuteranomaly

13.1637, 12.6761, 10.1404

Tritanomaly

14.1743, 12.6325, 12.0472

Monochromacy



Original Color

13.7790, 12.5953, 10.2992

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.7399, 12.8128, 12.6281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7790, 12.5953, 10.2992 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(124, 92, 85)` looks like.

```
.text, #text, p{  
    color:rgb(124, 92, 85)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(124, 92, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 92, 85) }
```

Border

The CSS property to change the border of an element to XYZ 13.7790, 12.5953, 10.2992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 92, 85) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(124, 92, 85) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(124, 92, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 92, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 92, 85);  
box-shadow:4px 4px 4px 4px rgb(124, 92,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7790, 12.5953, 10.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 92, 85) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(124, 92,  
85) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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